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Appl. No.: 10/723,803
Amdt. Dated: 09/05/2006
Off. Act. Dated: 06/02/2006

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (currently amended): ~~In an~~ An apparatus for controlling power consumption of an electroluminescent display, the improvement comprising:

a processor;

wherein said processor is configured to provide ~~providing a plurality of~~ first and second normal mode colors for output on said display; and

wherein said processor is configured to provide ~~providing a plurality of~~ first and second power saving mode colors for output on said display;

said first and second power saving mode colors being different from each other and the first and second normal mode colors;

wherein said processor is configured to assign the first ~~each~~ power saving mode color is assigned to a ~~the first~~ normal mode color;

wherein said processor is further configured to assign the second power saving mode color to the second normal mode color; and

wherein during a power saving display mode, ~~each~~ the processor is configured to switch the first normal mode color having an ~~with the~~ assigned first power saving mode color is switched to and the second normal mode color with the assigned second power saving mode color such that the first and second power saving mode colors are displayed in place of the first and second normal mode colors.

2. (currently amended): ~~An improved electroluminescent display apparatus~~
as recited in claim 1[.];

Appl. No.: 10/723,803
Amdt. Dated: 09/05/2006
Off. Act. Dated: 06/02/2006

wherein said processor is further configured to provide a third normal mode color for output on said display; and

wherein each the third normal mode color is reversed during the power saving display mode instead of not having an assigned power saving mode color is reversed during a power saving display mode.

3. (currently amended): An ~~improved electroluminescent display apparatus~~ as recited in claim 2, wherein said processor is configured to allow a user to assign each power saving mode color to a corresponding normal mode color.

4. (currently amended): An ~~improved electroluminescent display apparatus~~ as recited in claim 3, further comprising:

a power saving indicator configured to appear on the display, the power saving indicator showing the reduction in energy consumed by the display when in the power saving display mode.

5. (currently amended): An ~~improved electroluminescent display apparatus~~ as recited in claim 1, wherein the ~~power saving display mode is entered manually first and second normal mode colors and the first and second power saving mode colors each comprise red, blue and green components; and~~

wherein the first and second power saving mode colors are capable of having different values for each of the red, blue and green components.

6. (currently amended): An ~~improved electroluminescent display apparatus~~ as recited in claim 1, wherein the ~~power saving display mode is entered automatically first and second normal mode colors and the first and second power saving mode colors each comprise hue, saturation and luminance components; and~~

Appl. No.: 10/723,803
Amdt. Dated: 09/05/2006
Off. Act. Dated: 06/02/2006

wherein the hue, saturation and illumination components can be varied between each of the power saving mode colors.

7. (currently amended): An ~~improved electroluminescent display~~ apparatus as recited in claim 1, wherein the display comprises an organic electroluminescent display.

8. (currently amended): A method for conserving power in an electroluminescent display, comprising:
providing a plurality of normal mode colors for output on said display;
providing a plurality of power saving mode colors, each power saving mode color comprising different colors;
assigning each power saving mode color ~~being assigned~~ to a normal mode color; and
~~in a power saving display mode,~~ switching each normal mode color having an assigned power saving mode color to the assigned power saving mode color.

9. (currently amended): A method as recited in claim 8, further comprising:
wherein assigning each power saving mode color comprises allowing a user to assign each power saving mode color to a normal mode color.

10. (currently amended): A method as recited in claim 9, further comprising:
reversing each a normal mode color not having an assigned power saving mode color ~~in the power saving display mode.~~

11. (currently amended): A method as recited in claim 10, further comprising:

Appl. No.: 10/723,803
Amdt. Dated: 09/05/2006
Off. Act. Dated: 06/02/2006

indicating the reduction in energy consumed by the display when switched to the power saving display mode colors.

12. (currently amended): A method as recited in claim 8, wherein ~~the power saving display mode is entered manually~~ the plurality of normal mode colors and the plurality of saving mode colors each comprise red, blue and green components; and wherein the power saving mode colors are capable of having different values for each of the red, blue and green components.

13. (currently amended): A method as recited in claim 8, wherein ~~the power saving display mode is entered automatically~~ the plurality of normal mode colors and the plurality of power saving mode colors each comprise hue, saturation and luminance components; and wherein the hue, saturation and illumination components can be varied between each of the power saving mode colors.

14. (currently amended): In an electroluminescent display, the improvement comprising:
providing a plurality of normal mode colors for output on the display; and
providing a plurality of power saving mode colors for output on the display;
wherein each of the power saving mode colors are different from each other and the normal mode colors;
wherein said power saving mode colors correspond to colors that consume less power than the normal mode colors;
wherein the display is switchable between a normal display mode in which the normal mode colors are displayed and a power saving display mode in which the power saving mode colors are displayed in place of the normal mode colors.

Appl. No.: 10/723,803
Amdt. Dated: 09/05/2006
Off. Act. Dated: 06/02/2006

15. (original): An improved electroluminescent display as recited in claim 14, wherein each power saving mode color is assigned to a normal mode color.

16. (currently amended): An improved electroluminescent display as recited in claim 15, wherein a user can assigns each power saving mode color to a normal mode color.

17. (currently amended): An improved electroluminescent display as recited in claim 16, wherein each a normal mode color not having an assigned power saving mode color is reversed in the power saving display mode.

18. (currently amended): An improved electroluminescent display as recited in claim 17, further comprising:

a power saving indicator, the power saving indicator showing the reduction in energy consumed by the display when switched to in the power saving display mode colors.

19. (original): An improved electroluminescent display as recited in claim 14, wherein the power saving display mode is entered manually.

20. (original): An improved electroluminescent display as recited in claim 14, wherein the power saving display mode is entered automatically.

21. (original): An improved electroluminescent display as recited in claim 14, wherein the display comprises an organic electroluminescent display.